

# Texas Education Agency Standard Application System (SAS)

| <b>2018–2019 Technology Lending</b> |   |  |
|-------------------------------------|---|--|
| <b>Program authority:</b>           | General Appropriations Act, Article III, Rider 8, and House Bill 3526, 85 <sup>th</sup> Texas Legislature; Texas Education Code Section 32.301  | <b>FOR TEA USE ONLY</b><br>Write NOGA ID here: |
| <b>Grant Period:</b>                | May 1, 2018, to August 31, 2019   |  |
| <b>Application deadline:</b>        | 5:00 p.m. Central Time, February 6, 2018  | Place date stamp here.                         |
| <b>Submittal information:</b>       | <p>Applicants must submit one original copy of the application with an original signature, and two copies of the application, printed on one side only and signed by a person authorized to bind the applicant to a contractual agreement, must be received no later than the aforementioned date and time at this address:</p> <p style="text-align: center;">Document Control Center, Grants Administration Division<br/>Texas Education Agency, 1701 North Congress Ave.<br/>Austin, TX 78701-1494</p> |  |
| <b>Contact information:</b>         | Kathy Ferguson: techlending@tea.texas.gov;<br>(512) 463-9087  |  |

## Schedule #1—General Information

| <b>Part 1: Applicant Information</b>           |                         |           |                     |          |
|--|-------------------------|-----------|---------------------|----------|
| Organization name                              | County-District #       |           | Amendment #         |          |
| Temple ISD                                     | 014909                  |           |                     |          |
| Vendor ID #                                    | ESC Region #            |           |                     |          |
| 1746002380                                     | 12                      |           |                     |          |
| Mailing address                                |                         | City      | State               | ZIP Code |
| 200 North 23 <sup>rd</sup> Street              |                         | Temple    | TX                  | 76504-   |
| <b>Primary Contact</b>                         |                         |           |                     |          |
| First name                                     | M.I.                    | Last name | Title               |          |
| Luann  |                         | Hughes    | Technology Director |          |
| Telephone #                                    | Email address           |           | FAX #               |          |
| 254-215-6828                                   | luann.hughes@tisd.org   |           | 254-215-6880        |          |
| <b>Secondary Contact</b>                       |                         |           |                     |          |
| First name                                     | M.I.                    | Last name | Title               |          |
| Kevin  |                         | Wilbourn  | System Admin        |          |
| Telephone #                                    | Email address           |           | FAX #               |          |
| 254-215-6830                                   | Kevin.wilbourn@tisd.org |           |                     |          |
| <b>Part 2: Certification and Incorporation</b> |                         |           |                     |          |

I hereby certify that the information contained in this application is, to the best of my knowledge, correct and that the organization named above has authorized me as its representative to obligate this organization in a legally binding contractual agreement. I further certify that any ensuing program and activity will be conducted in accordance with all applicable federal and state laws and regulations, application guidelines and instructions, the general provisions and assurances, debarment and suspension certification, lobbying certification requirements, special provisions and assurances, and the schedules attached as applicable. **It is understood by the applicant that this application constitutes an offer and, if accepted by the Agency or renegotiated to acceptance, will form a binding agreement.**

### Authorized Official:

|                                |                            |                           |                |
|--------------------------------|----------------------------|---------------------------|----------------|
| First name                     | M.I.                       | Last name                 | Title          |
| Robin                          |                            | Battershell               | Superintendent |
| Telephone #                    | Email address              |                           | FAX #          |
| 254-215-6760                   | robin.battershell@tisd.org |                           | 254-215-6783   |
| Signature (blue ink preferred) |                            | Date signed <i>2-1-18</i> |                |



*Only the legally responsible party may sign this application.*

701-18-103-037

**Schedule #1—General Information**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

**Part 3: Schedules Required for New or Amended Applications**

An X in the "New" column indicates a required schedule that must be submitted as part of any new application. The applicant must mark the "New" checkbox for each additional schedule submitted to complete the application.

For amended applications, the applicant must mark the "Amended" checkbox for each schedule being submitted as part of the amendment.

| Schedule # | Schedule Name   | Application Type                           |                                     |
|------------|---|--|-------------------------------------|
|            |   | New  | Amended                             |
| 1          | General Information   | <input checked="" type="checkbox"/>        | <input checked="" type="checkbox"/> |
| 2          | Required Attachments and Provisions and Assurances          | <input checked="" type="checkbox"/>        | N/A                                 |
| 4          | Request for Amendment                                       | N/A  | <input checked="" type="checkbox"/> |
| 5          | Program Executive Summary                                   | <input checked="" type="checkbox"/>        | <input type="checkbox"/>            |
| 6          | Program Budget Summary                                      | <input checked="" type="checkbox"/>        | <input type="checkbox"/>            |
| 8          | Professional and Contracted Services (6200)                 | See Important Note For Competitive Grants* | <input type="checkbox"/>            |
| 9          | Supplies and Materials (6300)                               |  | <input type="checkbox"/>            |
| 10         | Other Operating Costs (6400)                                |  | <input type="checkbox"/>            |
| 11         | Capital Outlay (6600)                                       |  | <input type="checkbox"/>            |
| 12         | Demographics and Participants to Be Served with Grant Funds | <input checked="" type="checkbox"/>        | <input type="checkbox"/>            |
| 13         | Needs Assessment  | <input checked="" type="checkbox"/>        | <input type="checkbox"/>            |
| 14         | Management Plan   | <input checked="" type="checkbox"/>        | <input type="checkbox"/>            |
| 15         | Project Evaluation  | <input checked="" type="checkbox"/>        | <input type="checkbox"/>            |
| 16         | Responses to Statutory Requirements                         | <input checked="" type="checkbox"/>        | <input type="checkbox"/>            |
| 17         | Responses to TEA Requirements                               | <input checked="" type="checkbox"/>        | <input type="checkbox"/>            |

**\*IMPORTANT NOTE FOR COMPETITIVE GRANTS:** Schedules #8, #9, #10 and #11 are required schedules if any dollar amount is entered for the corresponding class/object code on Schedule #6—Program Budget Summary. For example, if any dollar amount is budgeted for class/object code 6200 on Schedule #6—Program Budget Summary, then Schedule #8—Professional and Contracted Services (6200) is required. If it is either blank or missing from the application, **the application will be disqualified.**

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:



**Schedule #2—Required Attachments and Provisions and Assurances**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

**Part 1: Required Attachments**

The following table lists the fiscal-related and program-related documents that are required to be submitted with the application (attached to the back of each copy, as an appendix).

| #  | Applicant Type                              | Name of Required Fiscal-Related Attachment   |
|--|---|--|
| No fiscal-related attachments are required for this grant. |   |  |
| #  | Name of Required Program-Related Attachment | Description of Required Program-Related Attachment   |
| 1  | LEA Technology Plan Template                | If an LEA does not have a 2016–2017 Technology Plan on file with TEA, it must show evidence of a current local technology plan on participating campuses by completing the LEA Technology Plan Template. |

**Part 2: Acceptance and Compliance**

By marking an X in each of the boxes below, the authorized official who signs Schedule #1—General Information certifies his or her acceptance of and compliance with all of the following guidelines, provisions, and assurances.

**Note that provisions and assurances specific to this program are listed separately, in Part 3 of this schedule, and require a separate certification.**

| X                                   | Acceptance and Compliance   |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | I certify my acceptance of and compliance with the <a href="#">General and Fiscal Guidelines</a> .  |
| <input checked="" type="checkbox"/> | I certify my acceptance of and compliance with the program guidelines for this grant.   |
| <input checked="" type="checkbox"/> | I certify my acceptance of and compliance with all <a href="#">General Provisions and Assurances</a> requirements.  |
| <input checked="" type="checkbox"/> | I certify that I am not debarred or suspended. I also certify my acceptance of and compliance with all <a href="#">Debarment and Suspension Certification</a> requirements. |

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:

**Schedule #2—Required Attachments and Provisions and Assurances**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

**Part 3: Program-Specific Provisions and Assurances**☒ I certify my acceptance of and compliance with all program-specific provisions and assurances listed below.

| #   | Provision/Assurance   |
|-----|---|
| 1.  | The applicant provides assurance that program funds will supplement (increase the level of service), and not supplant (replace) state mandates, State Board of Education rules, and activities previously conducted with state or local funds. The applicant provides assurance that state or local funds may not be decreased or diverted for other purposes merely because of the availability of these funds. The applicant provides assurance that program services and activities to be funded from this grant will be supplementary to existing services and activities and will not be used for any services or activities required by state law, State Board of Education rules, or local policy. |
| 2.  | The applicant provides assurance that the application does not contain any information that would be protected by the Family Educational Rights and Privacy Act (FERPA) from general release to the public.   |
| 3.  | The applicant assures that funds provided under the Instructional Materials Allotment (IMA) or other funding are insufficient to purchase enough lending technology for every student who needs dedicated access to a device.   |
| 4.  | The applicant assures that it will provide access to lending technology and residential access to the Internet for students, including economically disadvantaged students and students with disabilities, who do not already have either the needed equipment or Internet service for learning at home   |
| 5.  | The applicant understands that equipment purchased with Technology Lending Grant funds is the property of the LEA.  |
| 6.  | The applicant assures that infrastructure and technical support are adequate to support students' use of loaned equipment provided through the grant at its participating campus(es).   |
| 7.  | The applicant assures that it will provide adequate staff to administer the program and ensure successful implementation.   |
| 8.  | The applicant assures that it will account for the technology lending equipment in accordance with district policy for accounting for such equipment, including providing insurance when insurance is typically provided for such equipment. The applicant understands that the grant funds cannot be used to replace lost, stolen, or damaged equipment.   |
| 9.  | The applicant assures that it will obtain a Technology Lending Agreement signed by the parents/guardian of each participating student and by the student participating in the program, including an assurance of student's mastery of the grade-appropriate Digital Citizenship strand of the Technology Applications Texas Essential Knowledge and Skills.   |
| 10. | The applicant assures that it has a 2016–2017 LEA technology plan on file with TEA, or that it will show evidence of a current local technology plan on participating campuses by completing the Required Program-Related Attachment outlined on page 18 of the Program Guidelines.   |
| 11. | The applicant assures that technology lending and use of electronic instructional materials are incorporated into the LEA's technology plan.  |
| 12. | The applicant agrees to collect and report the data for the performance measures stated in the Program Guidelines under Program Evaluation. The applicant assures it will develop appropriate systems and processes to collect and report the required data   |

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:



**Schedule #4—Request for Amendment**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

**Part 1: Submitting an Amendment**

This schedule is used to amend a grant application that has been approved by TEA and issued a Notice of Grant Award (NOGA). **Do not submit this schedule with the original grant application.** Refer to the instructions to this schedule for information on what schedules must be submitted with an amendment.

An amendment may be submitted by mail **or** by fax. Do not submit the same amendment by both methods. Amendments submitted via email will not be accepted.

If the amendment is mailed, submit three copies of each schedule pertinent to the amendment to the following address: Document Control Center, Grants Administration Division, Texas Education Agency, 1701 N. Congress Ave., Austin, TX 78701-1494.

If the amendment is faxed, submit one copy of each schedule pertinent to the amendment to either of the following fax numbers: (512) 463-9811 or (512) 463-9564.

The last day to submit an amendment to TEA is listed on the [TEA Grant Opportunities](#) page. An amendment is effective on the day TEA receives it in substantially approvable form. All amendments are subject to review and approval by TEA.

**Part 2: When an Amendment Is Required**

For all grants, regardless of dollar amount, prior written approval is required to make certain changes to the application. Refer to the "When to Amend the Application" guidance posted in the Amendment Submission Guidance section of the Grants Administration Division [Administering a Grant](#) page to determine when an amendment is required for this grant. Use that guidance to complete Part 3 and Part 4 of this schedule.

**Part 3: Revised Budget**

|    |                                     |                          | A   | B                 | C               | D                  |
|----|-------------------------------------|--------------------------|---|-------------------|-----------------|--------------------|
| #  | Schedule #                          | Class/<br>Object<br>Code | Grand Total from<br>Previously<br>Approved Budget | Amount<br>Deleted | Amount<br>Added | New Grand<br>Total |
| 1. | Schedule #8: Contracted Services    | 6200                     | \$  | \$                | \$              | \$                 |
| 2. | Schedule #9: Supplies and Materials | 6300                     | \$  | \$                | \$              | \$                 |
| 3. | Schedule #10: Other Operating Costs | 6400                     | \$  | \$                | \$              | \$                 |
| 4. | Schedule #11: Capital Outlay        | 6600                     | \$  | \$                | \$              | \$                 |
| 5. | Total direct costs:                 |                          | \$  | \$                | \$              | \$                 |
| 6. | <a href="#">Indirect cost</a> ( %): |                          | \$  | \$                | \$              | \$                 |
| 7. | Total costs:                        |                          | \$  | \$                | \$              | \$                 |

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:

**Schedule #4—Request for Amendment (cont.)**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

**Part 4: Amendment Justification**

| Line # | Schedule # Being Amended | Description of Change | Reason for Change |
|--------|--------------------------|-----------------------|-------------------|
| 1.     |                          |                       |                   |
| 2.     |                          |                       |                   |
| 3.     |                          |                       |                   |
| 4.     |                          |                       |                   |
| 5.     |                          |                       |                   |
| 6.     |                          |                       |                   |
| 7.     |                          |                       |                   |

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:



**Schedule #5—Program Executive Summary**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

List the campuses that will be served with these funds. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

Cater Elementary, Garcia Elementary, Jefferson Elementary, Kennedy-Powell Elementary, Raye-Allen Elementary, Scott Elementary, Thornton Elementary, Western Hills Elementary, Bonham Middle School, Lamar Middle School, Travis Science Academy, Temple High School, Edwards Academy, Wheatley Alternative Campus

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary.

**The Goal**

The goal of the Student At-Home Access project is to provide consistent, safe, quality Internet access to students who do not have it outside of school walls.

- Technology provides the core platform for the 21st Classroom.
- Students are no longer limited to the teacher's lecture and the textbook.
- Learning has become anywhere, anytime through technology.

**The Need**

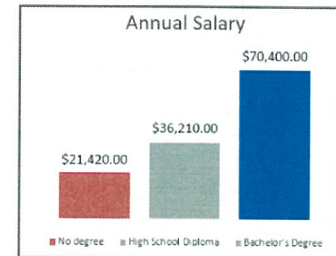
Temple ISD needs funding for the base stations that will project wireless signal to student MiFi's. These base stations are a one-time cost. Temple ISD has already procured radio networking plan, tower space and spectrum for this project. In addition, all high school students have a Chromebook issued to them for home and school use. As part of this project, students in grades K-8 will be able to check out devices from their campus libraries.

**The Why**

Students need safe, consistent access to the Internet to be successful in 21st Century learning environments. Students in lower income families have less opportunity for consistent Internet connections at home.

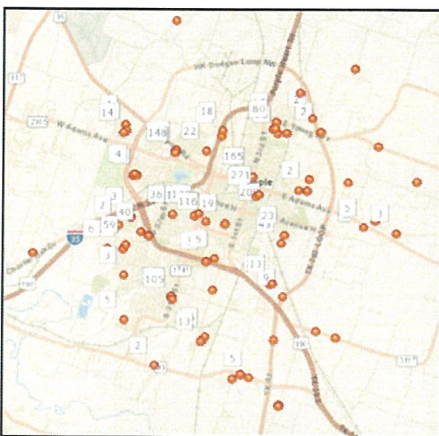
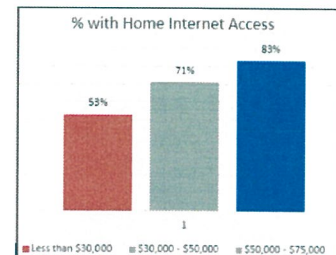
There is a correlation between education and salary (US Bureau of Labor 2014 Employment Study)

- No degree - \$21,420.00 annual salary
- High School diploma - \$36,210.00 annual salary
- Bachelor's Degree - \$70,400.00 annual salary



There is a correlation of home Internet access and income (Pew Research, 2016)

- Less than \$30,000 - 53%
- \$30,000 - \$50,000 - 71%
- Over \$75,000 - 90%+



**73%** of Temple ISD students qualify for the National School Lunch Program (Free/Reduced Lunch). The eligibility requirements for a family are an income **under \$31,590**.

**6,500** students, living in **2,900** homes, qualify for Free/Reduced Lunch.

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

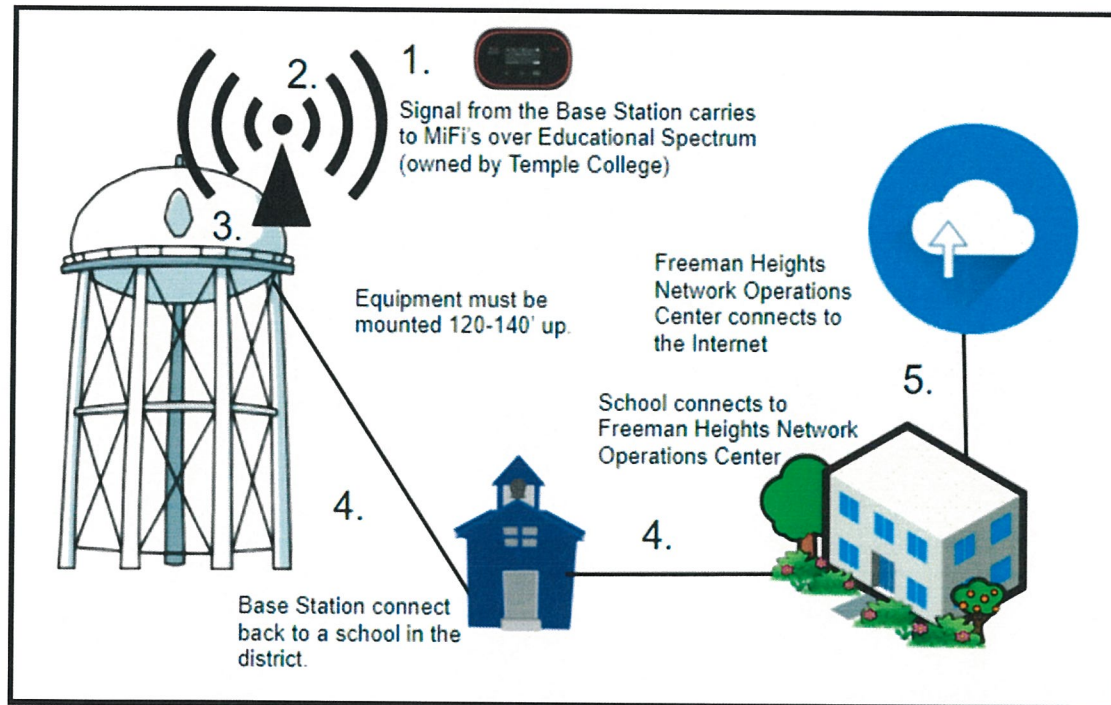
By TEA staff person:

**Schedule #5—Program Executive Summary (cont.)**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

Provide a brief overview of the program you plan to deliver. Refer to the instructions for a description of the requested elements of the summary. Response is limited to space provided, front side only, font size no smaller than 10 point Arial.

**The How****What is needed to provide Internet Access?**

1. A MiFi or device that can read the signal. The MiFi's proposed in this project will cost approximately \$125 each. The district will be able to fund that cost. Students would pay an annual leasing fee of \$25 for a MiFi. MiFi signals would be available when students are not in school (for instance, after 4:00 pm until 8:00 am)
2. Base Stations to broadcast the wireless signal across educational broadband spectrum (wireless frequencies) to broadcast the signal. Temple College owns the educational broadband spectrum in our area. Temple College has agreed to let Temple ISD use the spectrum within the ISD's boundaries.
3. Equipment (base station) to broadcast the wireless signal across long ranges. The City of Temple has agreed to allow Temple ISD to place the base stations on City property (water towers, the Kyle Hotel).
4. A connection between the base station and a Temple ISD school. This proposal includes the cost of fiber between the base station and a Temple ISD location.
5. A connection from the school to the school's Internet carrier (already in existence.) This connection is directly back into the district's network and includes the district's content filtering, firewall, and security protection.

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:



**Schedule #6—Program Budget Summary**

| County-district number or vendor ID: 014909  |   |                          | Amendment # (for amendments only): |            |                        |
|--|---|--------------------------|------------------------------------|------------|------------------------|
| Program authority: General Appropriations Act, Article III, Rider 8, and House Bill 3526, 85 <sup>th</sup> Texas Legislature; Texas Education Code Section, 32.301 |   |                          |                                    |            |                        |
| Grant period: May 1, 2018, to August 31, 2019  |   |                          | Fund code: 410                     |            |                        |
| <b>Budget Summary</b>  |   |                          |                                    |            |                        |
| Schedule #   | Title                                       | Class/<br>Object<br>Code | Program<br>Cost                    | Admin Cost | Total Budgeted<br>Cost |
| Schedule #8  | Professional and Contracted Services (6200) | 6200                     | \$10,500                           | \$1,575    | \$12,075               |
| Schedule #9  | Supplies and Materials (6300)               | 6300                     | \$4,500                            | \$675      | \$5,175                |
| Schedule #10   | Other Operating Costs (6400)                | 6400                     | \$                                 | \$         | \$                     |
| Schedule #11   | Capital Outlay (6600)                       | 6600                     | \$71,765                           | \$10,765   | \$82,530               |
| Total direct costs:  |   |                          | \$86,765                           | \$13,015   | \$99,780               |
| Percentage% <u>indirect costs</u> (see note):  |   |                          | N/A                                | \$         | \$                     |
| Grand total of budgeted costs (add all entries in each column):  |   |                          | <b>\$=</b>                         | <b>\$</b>  | <b>\$99,780</b>        |
| <b>Administrative Cost Calculation</b>   |   |                          |                                    |            |                        |
| Enter the total grant amount requested:  |   |                          |                                    |            | \$86,765               |
| Percentage limit on administrative costs established for the program (15%):  |   |                          |                                    |            | × .15                  |
| Multiply and round down to the nearest whole dollar. Enter the result.   |   |                          |                                    |            | \$99,780               |
| This is the maximum amount allowable for administrative costs, including indirect costs:   |   |                          |                                    |            |                        |

NOTE: Indirect costs are calculated and reimbursed based on actual expenditures when reported in the expenditure reporting system, regardless of the amount budgeted and approved in the grant application. If indirect costs are claimed, they are part of the total grant award amount. They are not in addition to the grant award amount.

Indirect costs are not required to be budgeted in the grant application in order to be charged to the grant. Do not submit an amendment solely for the purpose of budgeting indirect costs.

If selected for a competitive grant, your award amount will be the lesser of the grand total of budgeted costs as stated on this schedule (the box with the bold outline), or the sum of all line items listed on this schedule, or the maximum allowable award amount. TEA is not responsible for math errors.

**For TEA Use Only**

|   |                      |
|---|----------------------|
| Changes on this page have been confirmed with:  | On this date:        |
| Via telephone/fax/email (circle as appropriate) | By TEA staff person: |

**Schedule #8—Professional and Contracted Services (6200)**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

**NOTE:** Specifying an individual vendor in a grant application does not meet the applicable requirements for sole-source providers. TEA's approval of such grant applications does not constitute approval of a sole-source provider.

**Professional and Contracted Services**

| #  | Description of Service and Purpose                          | Grant Amount Budgeted |
|--|---|-----------------------|
| 1  | Professional services and installation costs – base station | \$3,000               |
| 2  | Professional services – network management                  | \$2,500               |
| 3  | Installation of base station                                | \$5,000               |
| 4  |   | \$                    |
| 5  |   | \$                    |
| 6  |   | \$                    |
| 7  |   | \$                    |
| 8  |   | \$                    |
| 9  |   | \$                    |
| 10   |   | \$                    |
| 11   |   | \$                    |
| 12   |   | \$                    |
| 13   |   | \$                    |
| 14   |   | \$                    |
| <b>a. Subtotal of professional and contracted services:</b>  |   | \$                    |
| <b>b. Remaining 6200—Professional and contracted services that do not require specific approval:</b> |   | \$10,500              |
| <b>(Sum of lines a and b) Grand total</b>  |   | <b>\$10,500</b>       |

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division [Administering a Grant](#) page.

|   |            |   |          |
|---|------------|---|----------|
| PROFESSIONAL SERVICES- SITE VISIT, BASE STATION RADIO AND EPC BASIC CONFIGURATION, ON-SITE    | \$4,000.00 | 1 | \$3,000  |
| PROFESSIONAL SERVICES - BREEZVIEW NETWORK MANAGEMENT PLATFORM - BASIC INSTALLATION & TRAINING | \$2,500.00 | 1 | \$2,500  |
| LABOR - INSTALLATION OF BASE STATION RADIOS.  | \$6,000.00 | 1 | \$5,000  |
|   |            |   | \$10,500 |

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:



**Schedule #9—Supplies and Materials (6300)**

|   |   |   |
|---|---|---|
| County-District Number or Vendor ID: 014909               |   | Amendment number (for amendments only): |
| <b>Supplies and Materials Requiring Specific Approval</b> |   |   |
|   |   | <b>Grant Amount Budgeted</b>            |
| 6300  | Total supplies and materials that do not require specific approval: | \$4500                                  |
| <b>Grand total:</b>                                       |   | <b>\$4500</b>                           |

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division [Administering a Grant](#) page.

| Line Item   | Per     | Qty | Total   |
|---|---------|-----|---------|
| INSTALLATION MATERIAL                               | \$1,500 | 1   | \$1,500 |
| MICROWAVE BACKHAUL RADIO PTP LINK FROM INTERNET POP | \$3,000 | 1   | \$3,000 |

**For TEA Use Only**

|   |                      |
|---|----------------------|
| Changes on this page have been confirmed with:  | On this date:        |
| Via telephone/fax/email (circle as appropriate) | By TEA staff person: |

**Schedule #10—Other Operating Costs (6400)**

|   |  |   |
|---|--|---|
| County-District Number or Vendor ID: 014909 |  | Amendment number (for amendments only): |
| <b>Expense Item Description</b>             |  | <b>Grant Amount Budgeted</b>            |
| 6400  | Operating costs that do not require specific approval: | \$                                      |
| <b>Grand total:</b>                         |  | <b>\$</b>                               |

In-state travel for employees does not require specific approval.

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division [Administering a Grant](#) page.

**For TEA Use Only**

|   |                      |
|---|----------------------|
| Changes on this page have been confirmed with:  | On this date:        |
| Via telephone/fax/email (circle as appropriate) | By TEA staff person: |



**Schedule #11—Capital Outlay (6600)**

| County-District Number or Vendor ID: 014909   |  | Amendment number (for amendments only): |           |                       |
|---|--|---|-----------|-----------------------|
| #   | Description and Purpose                | Quantity                                | Unit Cost | Grant Amount Budgeted |
| <b>66XX—Computing Devices, capitalized</b>    |  |   |           |                       |
| 1   | LTE Base Station                       | 1                                       | \$47,640  | \$46,040              |
| 2   |  |   |           | \$                    |
| 3   |  |   | \$        | \$                    |
| 4   |  |   | \$        | \$                    |
| <b>66XX—Software, capitalized</b>             |  |   |           |                       |
| 11  | BreezeView Network Management Platform |   | \$25,675  | \$25,725              |
| 12  |  |   | \$        | \$                    |
| 13  |  |   | \$        | \$                    |
| 14  |  |   | \$        | \$                    |
| <b>66XX—Equipment, furniture, or vehicles</b> |  |   |           |                       |
| 18  |  |   | \$        | \$                    |
| 19  |  |   | \$        | \$                    |
| <b>Grand total:</b>                           |  |   |           | <b>\$71,765</b>       |

For budgeting assistance, see the Allowable Cost and Budgeting Guidance section of the Grants Administration Division [Administering a Grant](#) page.

| Line Item  | Per     | Qty | Total    |
|--|---------|-----|----------|
| Compact Advanced Hi-Power 4x4 all-outdoor base station in band 41 (2485Mhz to 2690Mhz), comprised of modem and radio components. Pole mounting kit | \$7,000 | 4   | \$28,000 |
| SW LICENSE FOR COMPACT LTE 10MHz OR 20MHz  | \$2,525 | 4   | \$10,100 |
| SW LICENSE FOR COMPACT LTE 10MHz OR 20MHz  | \$975   | 4   | \$3,900  |
| COMPACT BMAX-4M-GPS KIT  | \$195   | 2   | \$390    |
| Antenna 4x4 2.3-2.7 GHz, 65° sector Dual Slant, 4 x N Type Female, Fixed Tilt 4°, Antenna mount kit included. RF Cables NOT included               | \$520   | 4   | \$2,080  |
| OUTDOOR UNIT TO ANTENNA CABLE FOR USE WITH BREEZEMAX MODELS INCLUDING ODU, 1.5M IN LENGTH, CONNECTORS: N MALE                                      | \$25    | 16  | \$400    |
| Compact 250 meter power cable drum, 2 1, Leads 16 AWB0   | \$1,170 | 1   | \$1,170  |

**\$46,040**

|  |         |   |         |
|--|---------|---|---------|
| BreezeView Network Management Platform. Start-up platform includes Breezeview server SW license, licenses to manage up to 15 Compacts, lic to manage all Breezeway | \$5,200 | 1 | \$5,200 |
| CPE VIEW Software License  | \$2,600 | 1 | \$2,600 |
| BreezeWAY 2020 EPC HW packed for low scale deployments - either cell-site or centralized. Includes initial SW license for 150 subscribers.                         | \$3,900 | 1 | \$3,900 |
| BREEZEWAY-2020-500-B, EPC ACTIVATION LICENSE, CHUNKS OF 500 CPE  | \$1,300 | 3 | \$3,900 |
| BREEZEWAY-2020-iHSS-500 (500 SUBS LICENSE) INTERNAL HSS SINGLE ACTIVATION FOR SERVING CHUNKS OF 500 SUBSCRIBERS OVER   | \$2,025 | 3 | \$6,075 |
| BREEZEWAY-2020 EPC ACTIVATION LICENSE FOR L2 SERVICES OVER LTE - ENABLING VIRTUAL PRIVATE WIRE SERVICES (VPWS) AND VIRTUAL PRIVATE LAN SERVICES (VPLS).            | \$4,050 | 1 | \$4,050 |

**\$25,725****Schedule #12—Demographics and Participants to Be Served with Grant Funds****For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:

|  |  |  |  |   |   |          |          |          |          |                                    |           |           |           |              |  |
|--|--|--|--|---|---|----------|----------|----------|----------|------------------------------------|-----------|-----------|-----------|--------------|--|
| County-district number or vendor ID: 014909  |  |  |  |   |   |          |          |          |          | Amendment # (for amendments only): |           |           |           |              |  |
| <b>Part 1: Student Demographics of Population To Be Served With Grant Funds.</b> Enter the data requested for the population to be served by this grant program. If data is not available, enter DNA. Use the comment section to add a description of any data not specifically requested that is important to understanding the population to be served by this grant program. Response is limited to space provided. Use Arial font, no smaller than 10 point. |  |  |  |   |   |          |          |          |          |                                    |           |           |           |              |  |
| <b>Student Category</b>  | <b>Student Number</b>                      | <b>Student Percentage</b>                        | <b>Comment</b>                             |   |   |          |          |          |          |                                    |           |           |           |              |  |
| Economically disadvantaged   | 6300                                       | 73%  |  |   |   |          |          |          |          |                                    |           |           |           |              |  |
| Limited English proficient (LEP)   | 950  | 11%  |  |   |   |          |          |          |          |                                    |           |           |           |              |  |
| Disciplinary placements  | 219  | 2.3%   |  |   |   |          |          |          |          |                                    |           |           |           |              |  |
| Attendance rate  | NA   | 94.4%  |  |   |   |          |          |          |          |                                    |           |           |           |              |  |
| Annual dropout rate (Gr 9-12)  | NA   | 0.1%   |  |   |   |          |          |          |          |                                    |           |           |           |              |  |
| <b>Part 2: Students To Be Served With Grant Funds.</b> Enter the number of students in each grade, by type of school, projected to be served under the grant program.  |  |  |  |   |   |          |          |          |          |                                    |           |           |           |              |  |
| <b>School Type:</b>  | <input checked="" type="checkbox"/> Public | <input type="checkbox"/> Open-Enrollment Charter | <input type="checkbox"/> Private Nonprofit | <input type="checkbox"/> Private For Profit | <input type="checkbox"/> Public Institution |          |          |          |          |                                    |           |           |           |              |  |
| <b>Students</b>  |  |  |  |   |   |          |          |          |          |                                    |           |           |           |              |  |
| <b>PK</b>  | <b>K</b>                                   | <b>1</b>   | <b>2</b>                                   | <b>3</b>                                    | <b>4</b>                                    | <b>5</b> | <b>6</b> | <b>7</b> | <b>8</b> | <b>9</b>                           | <b>10</b> | <b>11</b> | <b>12</b> | <b>Total</b> |  |
| 523  | 593  | 674  | 684  | 689   | 699   | 709      | 620      | 598      | 588      | 688                                | 602       | 491       | 415       | 8606         |  |

This proposal would serve students who live in the geographic area covered by the base station installed at Ramcon Drive Watertank. The table below, taken from the Radio Network Planning study conducted to determine tower placement, shows the estimated number of households that should be covered by those base stations. It is estimated that 1/3 to 1/2 of the households below have 1 or more TISD students living in them.

| Site                             | Sector     |           |            |            | Estimated    |
|----------------------------------|------------|-----------|------------|------------|--------------|
| Connection Probability           | 1          | 2         | 3          | 4          | Households   |
| <b>Ramcon Dr Watertank</b>       |            |           |            |            |              |
| Best                             | 191        | 40        | 176        | 297        | 704          |
| Good                             | 170        | 5         | 85         | 109        | 369          |
| Potential                        | 185        | 2         | 116        | 140        | 443          |
| <b>Ramcon Dr Watertank Total</b> | <b>546</b> | <b>47</b> | <b>377</b> | <b>546</b> | <b>1,516</b> |

| <b>For TEA Use Only</b>   |   |
|---|---|
| Changes on this page have been confirmed with:<br><br>Via telephone/fax/email (circle as appropriate) | On this date: _____<br><br>By TEA staff person: _____ |



**Schedule #13—Needs Assessment**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

**Part 1: Process Description.** A needs assessment is a systematic process for identifying and prioritizing needs, with "need" defined as the difference between current achievement and desired outcome or required accomplishment. Describe your needs assessment process, including a description of how needs are prioritized. If this application is for a district level grant that will only serve specific campuses, list the name of the campus(es) to be served and why they were selected. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The home Internet access requested in this proposal is a part of Temple ISD's long range plan to provide digital resources for students to facilitate the learning needed to compete in today's world. Temple ISD has built a solid technology plan for network, hardware, resources, and learning strategies and processes that plan.

**NETWORK INFRASTRUCTURE:** TISD has had a fiber backbone between campuses since 1998, and a district-wide robust wireless network since 2013. Temple ISD uses bond funds, general funds, and E-Rate Category 2 funds to refresh and update network equipment, access points, firewalls, Internet bandwidth, and content filters as needed.

**STUDENT HARDWARE:** In the fall of 2013, Temple ISD held a Tax Ratification Election. The purpose of this TRE was to provide school safety support, busses, and library resources, but the bulk of the funds was for student technology. Because of the passing of the TRE, students in grades K-8 have a 2:1 student to device ratio, and students in grades 9-12 have a Chromebook issued to them as freshmen that they can keep throughout their high school career. If they graduate from Temple High School, those students can take their Chromebooks with them. Ongoing, the Tax Ratification funding provides funding for all new incoming freshmen Chromebooks as well as a 5 year refresh cycle for classroom devices.

**COMMON PLATFORM:** In 2013, TISD selected the G Suite for Education as its platform for students and teachers. As a result of this implementation, all students have secured and managed Google accounts. The G Suite platform has become the core of communication, collaboration, and productivity for students and teachers. All instructional technologists and lead teachers are Google certified in various training programs to support this implementation.

**TECHNOLOGY INTEGRATION:** A part of the student device initiative made possible by the Tax Ratification Election, Temple ISD developed Technology Integration Guidelines. These guidelines outline leveled student and teacher expectations. These levels include Navigation (Entry Level), Interactive (Collaboration Level), Application (Authentic Level), Enhance (Infusion Level), and Immersion (Transformation Level.) While these guidelines are the basis for using technology to promote higher order thinking, Temple ISD determined that more is needed to fully meet the needs of today's classrooms. In 2016, Temple High School teachers started in a Blended Learning Pilot. In 2017, this project has expanded to a second pilot group at elementary and middle schools. Also during 2017 TISD began a visioning process for a district-wide Blended Learning implementation. Blended Learning is the tight integration of face-to-face and digital instruction in order to provide flexibility in time, place, path, and pace of learning.

**AT HOME ACCESS:** Temple ISD has been working on a solution to the At-Home Internet Access gap for several years. TISD was able to provide Mi-Fi's for students to take home as part of the Technology Lending Grants. In a student survey conducted at the end of the grant, 100% of students said that they could not have completed their homework without their WiFi device. However, it is too costly to maintain those services for the number of students that need them. In 2017, TISD was awarded a \$5000 grant from a local bank to fund a Radio Network Study. This study determined the LTE base stations needed to be installed to provide coverage for TISD students. TISD has entered into an agreement with Temple College that will allow TISD to use its Educational Spectrum available through the FCC EBS program. The City of Temple has agreed to provide tower space on existing watertowers and high structures at no cost. The funding in this proposal would provide for the initial base station install. Temple ISD will continue to pursue local community and additional district funds to continue to add base stations as the funding becomes available.

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:

**Schedule #13—Needs Assessment (cont.)**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

**Part 2: Alignment with Grant Goals and Objectives.** List your top five needs, in rank order of assigned priority. Describe how those needs would be effectively addressed by implementation of this grant program. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

| #  | Identified Need   | How Implemented Grant Program Would Address  |
|----|---|--|
| 1. | Approximately 25% of students in Temple ISD do not have consistent Internet access at home.                             | The base station will provide content-filtered, secured Internet access at home through a private LTE network.   |
| 2. | While Temple High School students have a Chromebook to take home, students in grades K-8 do not have take-home devices. | Students will be able to use the Chromebooks that are in the campus libraries for checkout. The district will provide MiFi's for these checkout Chromebooks from district funding.   |
| 3. | Students need adequate training on appropriate and responsible use of the hardware and resources.                       | High School parents and students currently receive training prior to being issued their Chromebook. Students in all grade levels receive Tech Apps training through their regular core classes. In this project, parents and students would be required to attend a preliminary training prior to receiving a Mi-Fi. |
| 4. |   |  |
| 5. |   |  |

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:



**Schedule #14—Management Plan**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

**Part 1: Staff Qualifications.** List the titles of the primary project personnel and any external consultants projected to be involved in the implementation and delivery of the program, along with desired qualifications, experience, and any requested certifications. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

| #  | Title                                | Desired Qualifications, Experience, Certifications   |
|----|--------------------------------------|--|
| 1. | Technology Director                  | The Technology Director will oversee this project. She has over 15 years of experience managing technology projects and grants.  |
| 2. | Instructional Technology Specialists | The Instructional Technology Specialists are all G Suite Trainers. They are highly qualified teachers with a background in Flipped Learning and Blended Learning.  |
| 3. | Technicians                          | Temple ISD has technicians assigned to campuses that are skilled in hardware troubleshooting and repair.   |
| 4. | Librarians                           | District librarians are certified specialists. They will be trained in Mi-Fi troubleshooting and will develop the Chromebook and MiFi checkout processes to be implemented in their library management system. |
| 5. |                                      |  |

**Part 2: Milestones and Timeline.** Summarize the major objectives of the planned project, along with defined milestones and projected timelines. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

| #  | Objective                                 | Milestone   | Begin Activity | End Activity |
|----|---|---|----------------|--------------|
| 1. | Install base stations                     | 1. Review student home needs  | 05/10/2018     | 05/14/2018   |
|    |   | 2. Contract location with the City of Temple                              | 05/25/2018     | 06/05/2018   |
|    |   | 3. Order base station equipment   | 06/10/2018     | 06/25/2018   |
|    |   | 4. Schedule installation.   | 06/10/2018     | 06/25/2018   |
|    |   | 5. Test signal strength.  | 08/01/2018     | 08/01/2018   |
| 2. | Configure network management solution     | 1. Install and configure management solution                              | 6/10/2018      | 6/16/2018    |
| 3. | Train librarians and technology staff     | 1. "Transfer of Knowledge" from vendor to technicians                     | 6/10/2108      | 6/16/2018    |
|    |   | 2. Instructional techs set procedures and trainings                       | 7/16/2018      | 7/20/2108    |
|    |   | 3. Train librarians on checkout procedures                                | 8/2/2018       | 8/2/2018     |
| 4. | Inform parents                            | 1. Send home letter to parents of students living in the qualifying areas | 8/20/2108      | 8/20/2108    |
|    |   | 2. Post announcement on TISD webpage, Facebook                            | 8/27/2018      | 8/27/2018    |
| 5. | Train parents and students, issue Mi-Fi's | 1. Parent Meetings  | 8/27/2018      | 9/21/2018    |
|    |   | 2. Student Trainings  | 8/27/2018      | 9/21/2018    |

**Unless pre-award costs are specifically approved by TEA, grant funds will be used to pay only for activities occurring between the beginning and ending dates of the grant, as specified on the Notice of Grant Award.**

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:

**Schedule #14—Management Plan (cont.)**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

**Part 3: Feedback and Continuous Improvement.** Describe the process and procedures your organization currently has in place for monitoring the attainment of goals and objectives. Include a description of how the plan for attaining goals and objectives is adjusted when necessary and how changes are communicated to administrative staff, teachers, students, parents, and members of the community. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

PLC's, or Professional Learning Communities, are the primary conduit for teachers and administrators to review data, set goals and objectives, and review progress. Results of these PLC's are shared by administrators with district level staff to provide feedback on the overall progress of the district. District and campus planning are tied to the feedback from the PLC's, such as district initiatives that are in place (such as a standardization of RTI resources or the Blended Learning cohorts), and data analysis of progress toward meeting state requirements. The district also gets input for planning from the District Education Improvement Committee, Superintendent's Staff Advisory Council, and Superintendent's Student Advisory Council.

Technology is woven throughout this process. There are Campus Technology Liaisons (lead teachers) at all campuses that serve on PLC's and the campus improvement planning committee. Instructional Technology Specialists also serve on PLC's and campus improvement committees. The Director of Technology reports to the Assistant Superintendent of Curriculum and Instruction and works closely with the Elementary Education Director, Secondary Education Director, Bilingual/ESL Director, and Special Education Director on initiatives, procedures, instruction, and processes. Goals and objectives are reviewed and updated in principal meetings, PLC's, department meetings, and Campus Technology Liaison meetings.

**Part 4: Sustainability and Commitment.** Describe any ongoing, existing efforts that are similar or related to the planned project. How will you coordinate efforts to maximize effectiveness of grant funds? How will you ensure that all project participants remain committed to the project's success? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Temple ISD has been working on a way to provide at-home access for students for several years. We have used Mi-Fi's as part of the Tech Lending grant program and those projects were very successful. However, it is very difficult to sustain the monthly cost of Mi-Fi's (even discounted ones) when there is such a high need. We have also installed Cradlepoint routers in several low income apartment complexes to provide access for students who live there as part of a City of Temple PSA grant. However, in Temple, most students live in single family homes and this solution is not feasible for that scenario.

Unlike leasing Mi-Fi's, installing LTE base stations provide a long range solution to the problem of at-home access. The base stations should only require a maintenance contract. District general funds can be allocated for that. The Mi-Fi's that students will check out are a minimum cost (\$99) and will also be initially covered by district funds. We will require a \$25 annual fee for the Mi-Fi and that will help off-set the cost. We have found that a \$25 annual fee for Chromebooks at the high school has covered repairs and given students a sense of ownership of the device. We will use that same model for the Mi-Fi's. Any damaged or lost Mi-Fi's will incur a \$50 fee.

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:



**Schedule #15—Project Evaluation**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

**Part 1: Evaluation Design.** List the methods and processes you will use on an ongoing basis to examine the effectiveness of project strategies, including the indicators of program accomplishment that are associated with each. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

| #  | Evaluation Method/Process | Associated Indicator of Accomplishment |  |
|----|---------------------------|--|--|
| 1. | MiFi usage                | 1.                                     | Number of MiFi's issued                    |
|    |                           | 2.                                     | Usage reports from LTE management software |
|    |                           | 3.                                     |  |
| 2. | Student Progress          | 1.                                     | Improvement in grades                      |
|    |                           | 2.                                     | Homework completion rate                   |
|    |                           | 3.                                     | Student satisfaction (student survey)      |
| 3. | Teacher Satisfaction      | 1.                                     | Extension of lessons                       |
|    |                           | 2.                                     | Improved communications                    |
|    |                           | 3.                                     | Teacher satisfaction survey                |
| 4. | Parent Satisfaction       | 1.                                     | Improved relationship with school          |
|    |                           | 2.                                     | Improved communication                     |
|    |                           | 3.                                     | Parent satisfaction survey                 |
| 5. |                           | 1.                                     |  |
|    |                           | 2.                                     |  |
|    |                           | 3.                                     |  |

**Part 2: Data Collection and Problem Correction.** Describe the processes for collecting data that are included in the evaluation design, including program-level data such as program activities and the number of participants served, and student-level academic data, including achievement results and attendance data. How are problems with project delivery to be identified and corrected throughout the project? Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The management system in the LTE system will provide reports on usage, including amount and time. MiFi checkouts will be tracked and monitored. TISD will conduct semi annual surveys of the students and parents who check out the Mi-Fi's to determine the satisfaction and success rate. We will use the student management system to track students who participate in the program so that we can run reports on grades, attendance, and discipline.

The project manager for this grant has experience with similar projects, such as previous Tech Lending Grants and the 1:1 Chromebook program at the high school, so issues with program delivery should be manageable. The Technology Department has a close working relationship with the campus staff that will be directly involved in the project (librarians and administrators). Progress checks will be held in a variety of mediums: face-to-face meetings, surveys, and presentations at principal meetings.

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:

**Schedule #16—Responses to Statutory Requirements**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

**Statutory Requirement 1:** Applicant must describe the availability of existing equipment to students in the LEA and other funding available for the purchase of student technology devices. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Temple ISD high school students are issued a Chromebook upon entering the high school. Those students use that device throughout their high school career and can take the device with them when they graduate. Those students will have a device they can use at home after school and during the summer.

Students in grades K-8 have a 2:1 ratio of devices at school, but currently don't take devices home. For those students, we will use the 30 Chromebooks in each campus library for checkout as needed. The libraries were chosen because they are central to the campuses and have a checkout system in place. TISD will provide Mi-Fi's for those Chromebooks to be a part of the checkout process. If it is determined that additional devices are needed for checkout, there are older Chromebooks in the district that have been replaced as part of the refresh cycle that can provide additional devices.

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:



**Schedule #17—Responses to TEA Program Requirements**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

**TEA Program Requirement 1:** Describe how the technology lending program aligns with the existing mission and goals for the LEA. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

Temple ISD District Goals are as follows:

1. Temple ISD will provide rigorous standards of academic achievement to prepare 21st century learners for graduation and post-secondary opportunities.
2. Temple ISD will provide a safe and healthy environment to support positive behaviors for students, staff, families, and community.
3. Temple ISD will develop, facilitate, and support strategies to increase the attendance and participation of students, parents, and staff in school-related activities.

As part of Goal 1, Rigorous Standards for Academic Achievement, TISD is implementing a Blended Learning initiative district wide in the 2018-19 school year. This will start with a cohort group on every campus and will be a phased in approach over four years.

The vision and guiding principles of the Blended Learning initiative as supported and enhanced by the At-Home Access proposal in this grant.

**Student Ownership:** Students will be able to use the access to the Internet to promote student ownership of the learning through time, place, path, and place. Students will be able to view video lessons teachers have created to prepare for the next day's class or to review concepts learned earlier at their own pace. Students and parents can also access lessons through either Schoology (9-12) or Google Classroom (K-8) to keep up with each day's work, even if a student is absent.

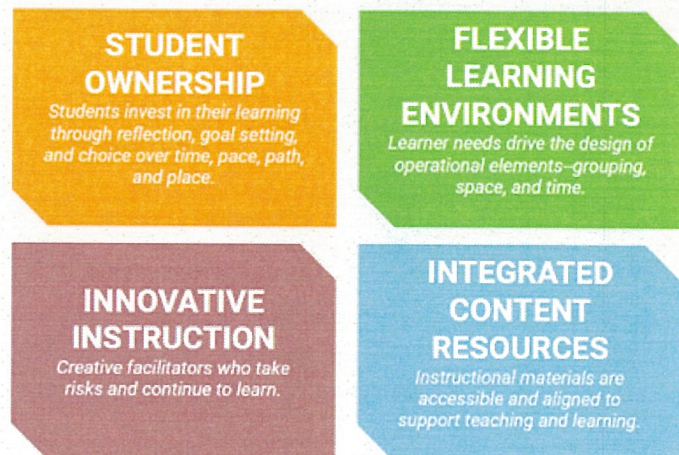
**Flexible Learning Environments:** With the At-Home Access project in grant, students are no longer bound to learning in the classroom. Students can work together with students across the district, or across the world.

**Innovative Instruction:** When students can access digital resources at home, teachers can fully utilize the rich options that are available to them such as flipped learning, playlists, and online collaboration. Currently they have to limit digital access to the time students are in the classrooms.

**Integrated Content Resources:** TISD already provides many digital materials that supplement, enrich and support learning. With the At-Home Access project, students will be able to use those resources outside of the school walls.

It is important to note that the Internet experience that students will have in this model is the same as the one they have while on school grounds. The same protections and restrictions are in place in this proposal.

**Blended learning will transform the academic experience in TISD by creating an environment that fosters ownership, innovation, and reflection.**

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:



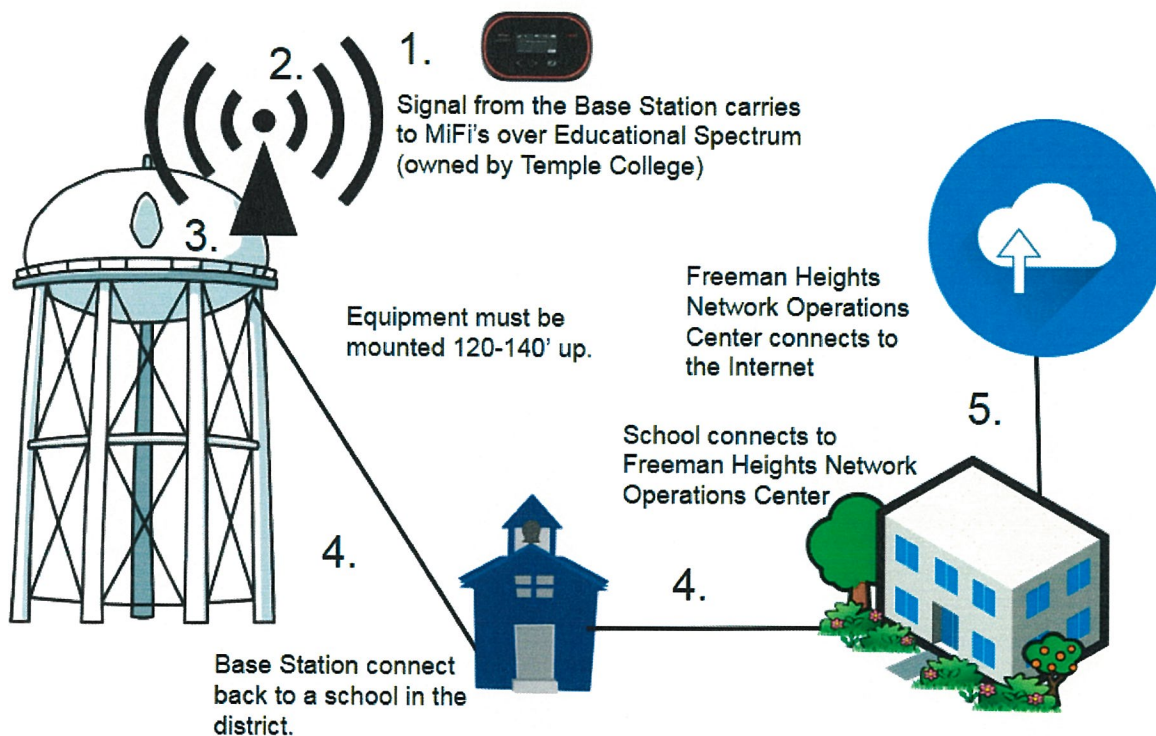
**Schedule #17—Responses to TEA Program Requirements (cont.)**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

**TEA Program Requirement 2:** Describe a plan for providing internet access to student residences, residential centers, and/or on the buses that transport students (for whom a single ride lasts, on average, at least an hour) with the highest need for off-campus internet access. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

1. Students will be issued a MiFi (personal HotSpot) that can read the signal from the base station. Students would pay an annual leasing fee of \$25 for a MiFi. There will be waivers available for students who cannot pay the fee. We currently have a model for annual charges in our 1:1 Chromebook program at the high school.
2. The MiFi will receive Internet access over educational broadband spectrum. Temple ISD has an agreement with Temple College, the owner of the educational broadband spectrum, for exclusive use of the frequencies within the Temple ISD district boundaries.
3. The LTE Base Station will broadcast the wireless signal. The City of Temple has agreed to allow Temple ISD to place the base stations on City property.
4. The base station will then connect back to a Temple ISD school via fiber or microwave.
5. The connection to the TISD school provides the same service as a device connected within the TISD network. The connection uses the district's firewall, content filter, and connection to the Internet.

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:

**Schedule #17—Responses to TEA Program Requirements (cont.)**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

**TEA Program Requirement 3:** Describe how the lending program aligns with current curriculum, instruction, and classroom management policies and/or practices on its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The At-Home Access Project is the “last leg” in the journey to fully implement digital resources for students. Safety and management systems are in place. Temple ISD used Gaggie to monitor student Google Drives and Gmail. The district’s content filter, iBoss, provides content filtering both on and off school grounds. Students at all levels receive annual digital citizenship and safety training. Elementary students receive this training during their computer lab time. Middle school students have 5 dedicated days at the beginning of the school year to learn about digital safety, literacy, and citizenship. High school students use Schoology, the campus learning management system, to access locally developed online courses about digital leadership.

Technology is the underpinning of all curriculum and instruction. It is used for core instruction, RtI, advanced academics, acceleration, credit recovery, bilingual and special education as appropriate. The At-Home Access project will allow teachers and students to fully utilize these resources both inside and outside school walls.

**TEA Program Requirement 4:** Describe how the applicant is using digital instructional materials in one or more foundation curriculum subject area(s) for one or more grade level(s). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The majority of high school resources, including textbooks, are digital. Students access these resources on their assigned Chromebooks. The digital subscriptions include all core subject areas as well as Fine Arts courses, CTE courses, and Advanced Academic courses. Digital components of textbook adoptions have been a priority for the past 3 years.

At elementary and middle schools, most textbooks have an online component. Many of the district’s RtI resources, such as Renaissance Place and Compas Learning, are online. TISD libraries use the ebook solution offered in Destiny.

Temple ISD is a G Suite for Education district. Students use the core suite (Gmail, Docs, Sheets, Slides, Forms, Drawings, etc.) as their primary productivity tool.

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:



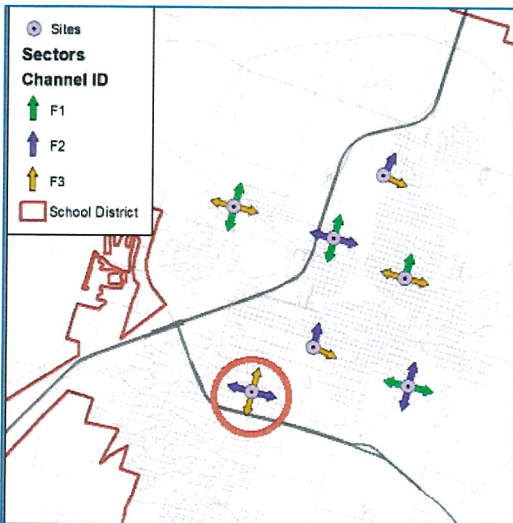
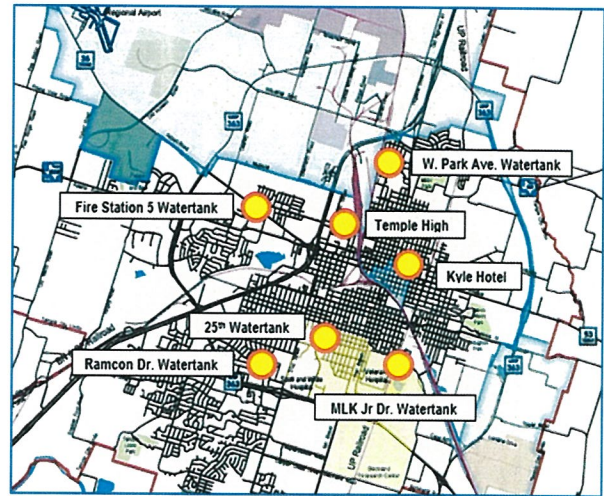
**Schedule #17—Responses to TEA Program Requirements (cont.)**

County-district number or vendor ID: 014909

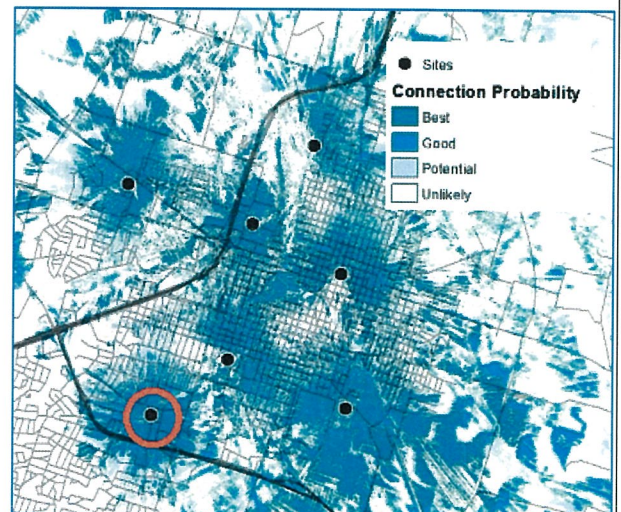
Amendment # (for amendments only):

**TEA Program Requirement 5:** Describe how the infrastructure and technical support is adequate to support students' anticipated use of devices through the grant at its participating campus(es). Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

The LTE Base Station requested in this proposal tower will be installed at the Ramcon Drive Watertank location. Last year TISD received \$5,000 from a local bank to conduct a Radio Planning study to determine how many towers will be needed. It is anticipated that six towers will provide the coverage for all TISD students (see map on the right). The management software in this proposal is a one-time purchase that can be used for all towers. Cost of the next towers is estimated at \$66,000 per location. Temple ISD will continue to pursue local funds to purchase the remaining towers needed. While the radio network study indicated the need for six towers, the study was done based on 2 channels of spectrum. Since the study, TISD has obtained 2 additional channels. The placement of the two base stations in this proposal will determine the true need for additional base stations (which could be less than 5 more.)



The sector map shows the four sectors of the Ramcon Watertower location.



The coverage map from the Radio Network Study show a good coverage for the Ramcon Watertower area. This location was selected because of the proximity of high student population and connection to a TISD campus.

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person:

**Schedule #17—Responses to TEA Program Requirements (cont.)**

County-district number or vendor ID: 014909

Amendment # (for amendments only):

**TEA Program Requirement 6:** Describe how the grant will be administered on participating campus(es), including a description of how the check-out and check-in process will operate, who will oversee the check-out process, especially in cases of competing need, and the process that will be used to maintain the technology lending equipment in proper working condition. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

At Temple High School, the Mi-Fi's will be issued through the Tech Spot, the technology center of the campus. The Tech Spot is used for Chromebook checkout and repairs currently. We will fold the Mi-Fi distribution and training into the existing processes there.

In grades K-8, the Mi-Fi's and Chromebooks will be available on a check-out basis from the campus libraries using the existing management systems. Any repairs for the devices will follow district procedure and be handled by the field technician assigned to that campus.

**TEA Program Requirement 7:** Describe how technology lending equipment will be accounted for per local policy, including providing insurance, if appropriate. Response is limited to space provided, front side only. Use Arial font, no smaller than 10 point.

TISD policy and procedures support the At-Home Access project. The devices will managed to encourage compliance with local policy (CQ): Access to the District's technology resources, including the Internet, shall be made available to students and employees primarily for instructional and administrative purposes and in accordance with administrative regulations.

Legal Policy (CQ) allows for the transfer and use of equipment by students: A district may transfer to a student enrolled in the district: Any data processing equipment donated to the district, including equipment donated by a private donor, a state eleemosynary institution, or a state agency, any equipment purchased by the district; and any surplus or salvage equipment owned by the district. This includes the Mi-Fi's and Chromebooks that will be used as part of this project.

**For TEA Use Only**

Changes on this page have been confirmed with:

On this date:

Via telephone/fax/email (circle as appropriate)

By TEA staff person: